

2019-2021

ST. JOHN'S UNIVERSITY
COLLEGE OF PHARMACY
AND HEALTH SCIENCES

PHARMACEUTICAL INDUSTRY
FELLOWSHIP PROGRAM

CLINICAL RESEARCH
AND DEVELOPMENT

MEDICAL AFFAIRS AND
PHARMACEUTICAL MARKETING



In partnership with



ST. JOHN'S
UNIVERSITY

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DEVELOPMENT FELLOWSHIP



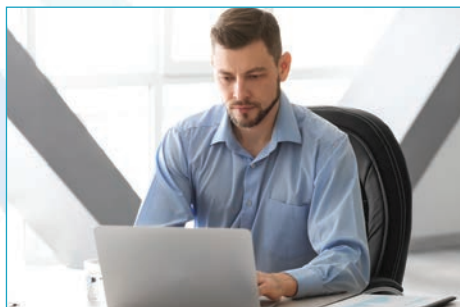
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PROGRAM LEADERSHIP



"The American Regent Post-Doctoral Fellowships foster and encourage professional growth for highly motivated individuals seeking to enhance their careers through a challenging program. Our organization offers diverse project opportunities and the flexibility to train in different functional areas of interest. We are committed to the success of our fellows through our partnership with St. John's University and seek to provide fellows with the means to establish skills necessary to excel within the pharmaceutical industry."

Ken Keller, President

Daiichi Sankyo Administrative and Commercial for Daiichi Sankyo, Inc. and President CEO Luitpold Pharmaceuticals, Inc., parent company of American Regent, Inc.



"The two-year post-doctoral pharmaceutical industry fellowship programs provide the Doctor of Pharmacy graduate unique exposure to the inner-workings of a pharmaceutical company in a professional environment conducive to learning. Each American Regent Fellowship affords the fellow the opportunity to pursue areas of interest while cultivating the crucial training and experiences necessary for a successful career in the pharmaceutical industry. Fellows rotate in cross-functional capacities throughout the company and are an integral part of the strategy and operations of American Regent. In our 8th year, our alumni now serve as ambassadors for the American Regent Fellowship program in highly esteemed roles throughout the pharmaceutical industry. The hard work, research, and new ideas generated from our fellows continue to shape American Regent for a competitive future."

William C. Fridrich, RPh, MS, MBA

Director of Medical Affairs
Fellowship Program Director



"For the past 16 years St. John's University, College of Pharmacy and Health Sciences has partnered with select Pharmaceutical Industry companies to provide Doctor of Pharmacy graduates with structured postgraduate education fellowships that develop leadership, practice, research and teaching skills to succeed in the industry today and in the future."

Joseph M. Brocavich, Pharm.D.

Senior Associate Dean for Pharmacy Programs
Associate Clinical Professor

AMERICAN REGENT



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CURRENT FELLOWS



"The American Regent Clinical R&D and St. John's University fellowship offers unique training in conducting clinical trials, and allows the fellow to develop a research project and attain a teaching certificate. The fellow will have the chance to participate in the development of clinical trials under the close supervision of a preceptor, which affords the opportunity to write original study protocols, investigational brochures, informed consent forms, or amend existing ones. Fellows will learn how to coordinate clinical studies, choose appropriate sites, select the study's steering committee members and vendors, collect and analyze data, prepare case study reports, and possibly assist in manuscript preparation and publication."

Anna Krupa, Pharm.D., RPh, MS

Clinical Research and Development
Second-year Fellow
Temple University, Philadelphia PA



"As the Medical Affairs and Pharmaceutical Marketing fellow at American Regent, I am afforded the unique opportunity to gain invaluable experience in the pharmaceutical industry. American Regent provides accomplished mentors who continuously allow you to develop skills by providing numerous opportunities for involvement. Being affiliated with this close-knit organization allows you to work cross-functionally throughout different departments and enables you to be exposed to every facet of a pharmaceutical company. The fellowship program is designed to allow the fellow to remain flexible in choosing their projects yet structured to ensure exposure to the different disciplines within the company. My experience at American Regent has been exceptional and I am confident that it will provide me with the skill set I need in order to be an effective and successful professional within the pharmaceutical industry."

Arun Mathew, Pharm.D., MBA

Medical Affairs and Pharmaceutical Marketing
Second-year fellow
Mercer University, Atlanta GA



"The American Regent Medical Affairs and Pharmaceutical Marketing fellowship allows ambitious Pharm.D. graduates the auspicious opportunity to gain experience within multiple departments of the pharmaceutical industry. Fellows work alongside experienced mentors and serve an integral function in the operations of American Regent. Fellows receive training in cross-functional departments and subsequently are allotted the flexibility to pursue individual interests and passions. Fellows at American Regent cultivate the skills necessary to maintain a competitive future in the pharmaceutical industry, and foster meaningful relationships to create a diverse professional network for life. American Regent has been a catalyst for my career development and I look forward to remaining an ambassador for the program throughout my professional life."

Conner Hampton, Pharm.D., RPh

Medical Affairs and Pharmaceutical Marketing
First-year fellow
University of Kansas, Lawrence KS



ST. JOHN'S UNIVERSITY



St. John's University College of Pharmacy and Health Sciences provides undergraduate, graduate, and post-doctoral programs focused on global impact, which cultivates the tools necessary to find solutions to complicated healthcare issues. Located in Queens, NY, St. John's commitment to excellence and renowned faculty inspire students to practice patient-centered care and shape the future of healthcare.

St. John's University will empower diverse learners with quality education for life. Through innovative teaching, research and service we will foster rational, spirited inquiry and intelligent reflection. Our student centered approach will be shaped by a caring, energized, nimble culture. Enlivened by our distinctive mission, our graduates will excel in the competencies and values required for leadership and service in a rapidly evolving global community. As a Catholic and Vincentian university, we will be known worldwide for addressing issues of poverty and social justice.

Learn more at: <https://www.stjohns.edu>

Fellows at St. John's:

The fellow will be a full time St. John's University employee. A competitive stipend will be provided, as well as options for comprehensive health, dental, and vision insurance.

Each fellow is responsible for completing semester-long teaching requirements at the University and an additional fellowship research project that may include original research, or the development, enhancement, or evaluation of some aspect of operations or patient care services.

Upon Fellowship Completion:



**Certificate of Completion
Teaching Certificate**

Additional Fellowship Opportunities:

- The fellow may apply for an affiliate faculty appointment for St. John's University College of Pharmacy and Health Sciences
- Precept St. John's University Pharm.D. Candidates
- Perform collaborative research with St. John's faculty
- Enroll with tuition remittance for Graduate Degree programs (Master's or PhD degrees)

CLINICAL RESEARCH AND DEVELOPMENT

Clinical research and development is one of the pivotal components within a pharmaceutical company for the approval of drug products as well as post-marketing, research and regulatory compliance.

First Year Rotations:



Second Year Rotations:

The second-year fellow will have the opportunity to rotate in a variety of functional areas to foster professional growth and to identify areas of interest.

Fellowship Overview:

- Develop and optimize study documents (e.g. study protocols, investigator brochures, procedure manuals, clinical development plans, informed consent forms, and clinical study reports)
- Work with clinical operations to manage and update study timelines and budgets, and participate in the processes of ongoing data review, analysis, and reporting while understanding the roles and responsibilities of clinical team members
- Learn the operational aspects of clinical trial designs from initiation, execution, and study completion
- Participate in the process of developing a clinical strategy (i.e. required clinical studies to receive FDA or global product approval), authorship of clinical sections of regulatory documents, and collaborative effort to develop key discussion points and responses for health authority interactions
- Utilize clinical research skills inclusive of systematic literature reviews, oral and written communication skills, and the preparation and presentation of abstracts, articles in scientific journals, and study training materials for internal and external stakeholders

Fellowship Goals:

- Comprehend and engage in corporate responsibilities and business conduct
- Understand the importance of tailored clinical study design
- Design and conduct clinical research for a specific population and indication
- Identify the processes for early phase drug development
- Develop a research project worthy of publication

MEDICAL AFFAIRS AND PHARMACEUTICAL MARKETING



Pharmacists in the Medical Affairs Department provide efficient and unbiased medical information concerning the company's pharmaceutical products to healthcare professionals, consumers, and internal associates.

Medical Affairs Overview:

- Develop and utilize strong clinical trial analysis skills to evaluate medical literature, interpret scientific data, and support healthcare professionals and consumers
- Create and present educational lectures on products and disease states to internal and external stakeholders
- Manage company expectations while effectively integrating key clinical messages for dissemination to a wide array of audiences
- Acquire the medical expertise and experience to thrive in the pharmaceutical industry while complying with FDA and PhRMA regulations

Pharmaceutical Marketing Overview:

- Learn and develop marketing strategies and tactics for the creation of competitive intelligence, promotional materials, and awareness programs
- Trend, forecast, and create patient model evaluations based on current market data analyses
- Optimize brand awareness and utilization in conjunction with agencies and cross-functional teams to execute strategic and tactical plans through appropriate sales, marketing, and medical channels

Second Year:

The second-year fellow will have the opportunity to rotate in a variety of functional areas to foster professional growth and to identify areas of interest.

First 6 Months: Medical Affairs

Medical Information

Scientific Communications

Strategy

Literature Evaluation

Second 6 months: Pharmaceutical Marketing

Market Research

Sales

Promotions

Competitive Intelligence

FELLOWSHIP RESEARCH PROJECT

Each fellow is responsible for completing a fellowship research project that may include original research, or the development, enhancement, or evaluation of some aspect of operations or patient care services.

Past Fellow Projects

Publications:

Population pharmacokinetic/pharmacodynamic modeling of intravenous ferric carboxymaltose in pediatric subjects with iron deficiency anemia

Jay Jones, 2018

Accepted and presented at ACCP Conference

A New Approach to the Management of Anemia in CKD Patients: A Review on Roxadustat

Kim Becker, 2016

Intravenous iron therapy in patients with iron deficiency anemia: dosing considerations

Jennifer Myers, 2015

Comparative review of the safety and efficacy of ferric carboxymaltose versus standard medical care for the treatment of iron deficiency anemia in bariatric and gastric surgery patients

Hepcidin levels predict nonresponsiveness to oral iron therapy in patients with iron deficiency anemia

Direct comparison of the safety and efficacy of ferric carboxymaltose versus iron dextran in patients with iron deficiency anemia

A review of intranasal ketorolac tromethamine for the short-term management of moderate to moderately severe pain that requires analgesia at the opioid level

Andy He, 2012-2013

Presentations and Surveys:

Iron Deficiency Anemia Review

Jaclyn Viola, 2015

Continuing Medical Education

Sales Representative Survey

Ryan Kuriakose, 2012

ALUMNI HIGHLIGHT

Medical Affairs & Pharmaceutical Marketing

Kimberly Becker, Pharm.D., RPh

Medical Science Liaison, Allergan, 2017-present
Medical Affairs & Pharmaceutical Marketing Fellow, 2015-17

Jaclyn Viola, Pharm.D., RPh

Senior Manager, US Oncology Marketing, Pfizer, 2018-present
Daiichi Sankyo Product Manager, DSAC Marketing & Access Strategy, Iron Franchise Marketing, 2017-18
American Regent Product Manager, Iron Franchise Marketing, 2016
American Regent Associate Product Manager, Iron Franchise Marketing, 2015-16
Medical Affairs & Pharmaceutical Marketing Fellow, 2013-15

Jennifer Myers, Pharm.D., RPh

Medical Science Liaison, Novartis, 2017-present
Medical Science Liaison, AbbVie, 2015-17
Associate Product Manager, Marketing, American Regent, 2014-15
Medical Affairs & Pharmaceutical Marketing Fellow, 2012-14

Andy He, Pharm.D., RPh

Senior Manager, Global Medical Affairs and Clinical Development- Analgesics, Bayer, 2015-present
Medical Affairs Manager, American Regent, 2013-15
Medical Affairs & Pharmaceutical Marketing Fellow, 2011-13

Ryan Kuriakose, Pharm.D., MS

Vice President of Strategy and Business Development, Orphidia, 2016-present
Analytics Product Manager, Omnicell, 2013-16
Product Manager, Marketing, American Regent, 2012-13
Medical Affairs & Pharmaceutical Marketing Fellow, 2010-12

Clinical Research & Development

John Jeffrey Jones, Pharm.D., RPh

Clinical Development Specialist, Stealth BioTherapeutics, 2018-present
Clinical Research & Development Fellow, 2016-18

APPLY NOW

Eligibility:

Potential applicants for the St. John's University/American Regent fellowship programs must meet the following criteria:

- Graduate from an Accreditation Council for Pharmacy Education (ACPE) accredited Doctor of Pharmacy Program
 - Genuine interest in the pharmaceutical industry
 - Eligible to work in the United States
-

How to Apply:

Please electronically send all required items and correspondence to:

Dr. Joseph Brocavich: brocavij@stjohns.edu

St. John's University American Regent Fellows: fellowship@americanregent.com

Required items:

Deadlines:

Curriculum Vitae

December 14th

Letter of intent

December 14th

College Transcript

*does not have to include the fall semester grades

December 14th

Three Letters of Recommendation

December 14th

Schedule an Interview:

Interviews will begin Sunday, December 2nd, 2018 at American Society of Health-System Pharmacists (ASHP) Midyear in Anaheim, CA.

To schedule an interview at Midyear, please email **Dr. Brocavich** at brocavij@stjohns.edu.

All candidates must request and schedule an interview after October 23rd, 2018.

Questions:

Please contact fellowship@americanregent.com for any and all questions regarding the fellowship program or application process.

For more information, please visit: <https://www.stjohns.edu/academics/schools-and-colleges/college-pharmacy-and-health-sciences/residency-and-fellowship-programs>



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